



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/820,640
Source: IFWO
Date Processed by STIC: 8/31/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/820,640

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO: X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading!)
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped.
- 8 Skipped Sequences
 (NEW RULES) Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequences.
 Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
 scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or
 is Artificial Sequence. GIVE SOURCE OF GENETIC MATERIAL.
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or
 "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 00/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
 resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence
 listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid.



IFWO

RAW SEQUENCE LISTING

DATE: 08/31/2004

PATENT APPLICATION: US/10/820,640

TIME: 14:23:26

Input Set : D:\3530.1000 US1 Sequence (USPTO).txt

Output Set: N:\CRF4\08312004\J820640.raw

4 <110> APPLICANT: Coco, Wayne M.
 5 Pienkos, Philip T.
 6 Loomis, Katrina A.
 8 <120> TITLE OF INVENTION: Epidermal Growth Factor Agonists and
 9 Methods of Use
 11 <130> FILE REFERENCE: 3530.1000 US1
 13 <140> CURRENT APPLICATION NUMBER: 10/820,640
 14 <141> CURRENT FILING DATE: 2004-04-08
 16 <150> PRIOR APPLICATION NUMBER: 60/463,890
 17 <151> PRIOR FILING DATE: 2003-04-17
 19 <160> NUMBER OF SEQ ID NOS: 3
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 53
 25 <212> TYPE: PRT
 26 <213> ORGANISM: homo sapien
 28 <400> SEQUENCE: 1
 29 Asn Ser Asp Ser Glu Cys Pro Leu Ser His Asp Gly Tyr Cys Leu His
 30 1 5 10 15
 31 Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp Lys Tyr Ala Cys Asn
 32 20 25 30
 33 Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln Tyr Arg Asp Leu Lys
 34 35 40 45
 35 Trp Trp Glu Leu Arg
 36 50
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 53
 41 <212> TYPE: PRT
 42 <213> ORGANISM: mutant
 44 <400> SEQUENCE: 2
 45 Asn Ser Asp Ser Gly Cys Pro Ser Phe His Asp Gly Tyr Cys Leu Asn
 46 1 5 10 15
 47 Gly Gly Val Cys Met Tyr Ile Glu Ala Leu Asp Lys Tyr Ala Cys Asn
 48 20 25 30
 49 Cys Val Ile Gly Tyr Asn Gly Asp Arg Cys Gln Thr Arg Asp Leu Lys
 50 35 40 45
 51 Trp Trp Glu Leu Arg
 52 50
 55 <210> SEQ ID NO: 3
 56 <211> LENGTH: 159
 57 <212> TYPE: DNA
 58 <213> ORGANISM: mutant
 60 <400> SEQUENCE: 3

Does Not Comply
Corrected Diskette Needed

(pg.1)

Invalid Response, please see
item # 10 on

error

Summary
Sheet.

Invalid Response, please
see item # 10 on error
summary sheet.

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```
61 aatagtgatt ctggatgtcc ctcgttccat gatgggtact gcctcaatgg tgggtgtgtgc 60
62 atgtatattg aagcattgga caagtatgca tgcaactgtg ttattggcta caacggggat 120
63 cgatgtcaga ctcgagacct gaagtgggtg gaactgcgc 159
```

VERIFICATION SUMMARY

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